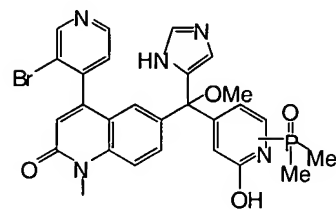
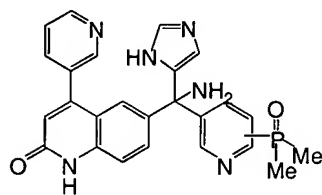
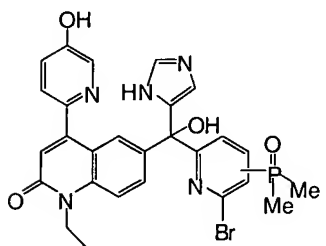
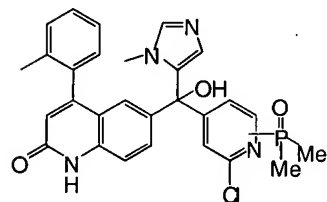
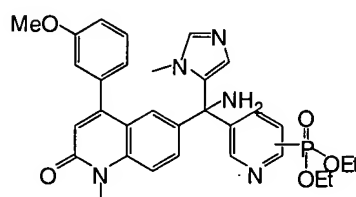
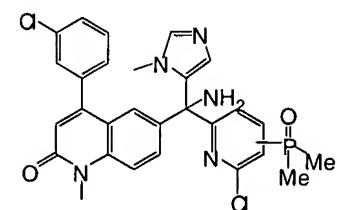
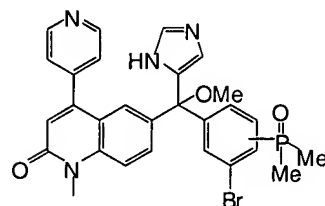
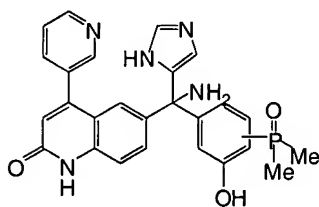
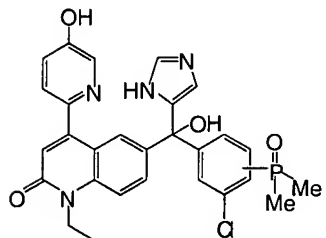
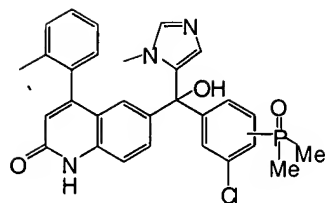
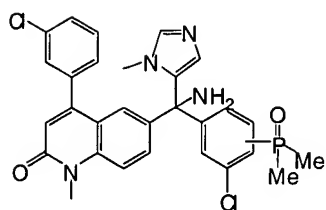


Figure 1 displays the chemical structures of 12 compounds (1-12) used in the study. The structures are based on a 6-methyl-8-(4-(2-methyl-1H-imidazol-1-yl)-2-phenylamino)quinolin-2(1H)-one core. The substituents vary across the compounds:

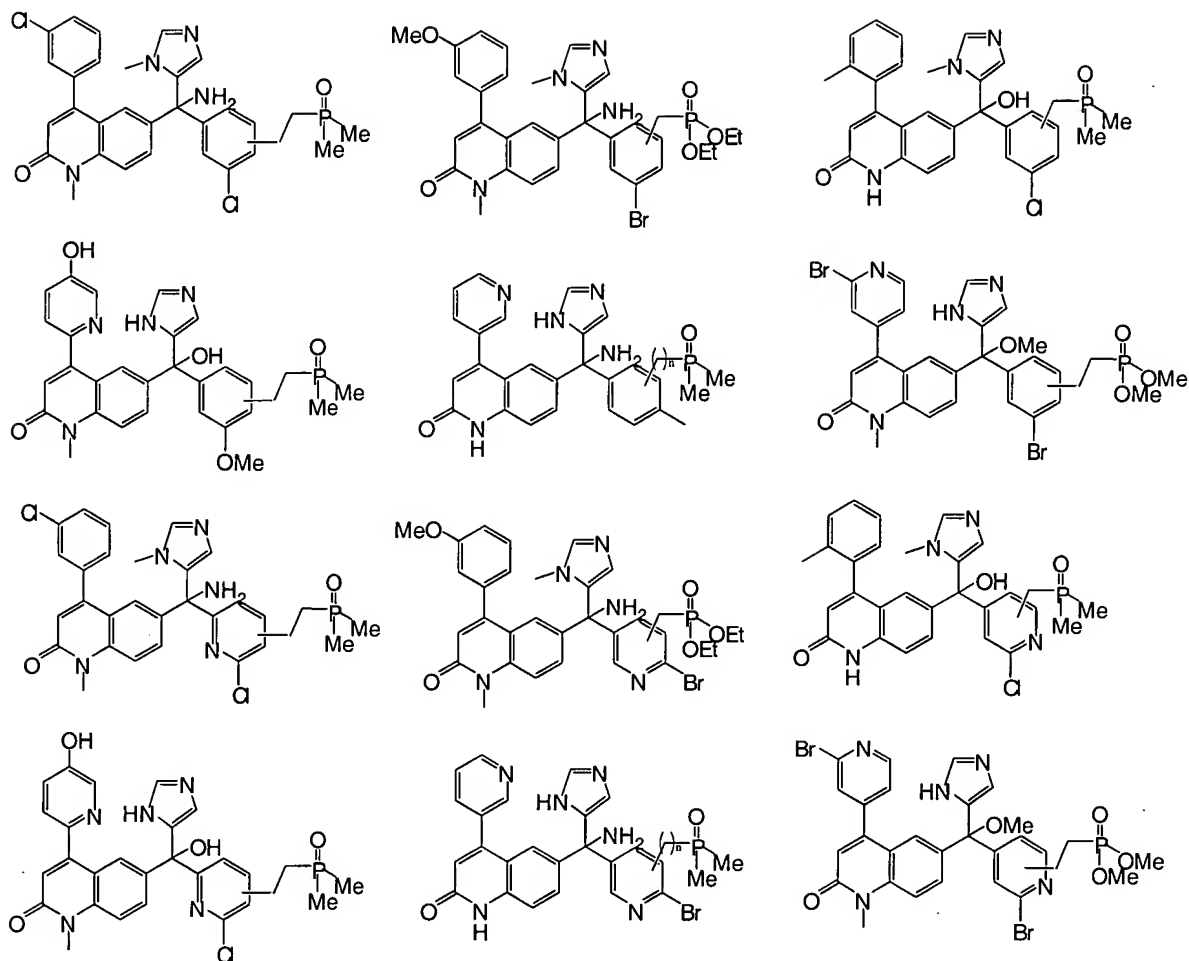
- Compound 1:** 4-(diethylphosphoryl)phenyl group at the 2-position.
- Compound 2:** 4-(diethylphosphoryl)phenyl group at the 2-position and a 4-chlorophenyl group at the 4-position.
- Compound 3:** 4-(diethylphosphoryl)phenyl group at the 2-position and a 4-hydroxyphenyl group at the 4-position.
- Compound 4:** 4-(diethylphosphoryl)phenyl group at the 2-position and a 4-chlorophenyl group at the 4-position.
- Compound 5:** 4-(diethylphosphoryl)phenyl group at the 2-position and a 4-hydroxyphenyl group at the 4-position.
- Compound 6:** 4-(diethylphosphoryl)phenyl group at the 2-position and a 4-chlorophenyl group at the 4-position.
- Compound 7:** 4-(diethylphosphoryl)phenyl group at the 2-position and a 4-hydroxyphenyl group at the 4-position.
- Compound 8:** 4-(diethylphosphoryl)phenyl group at the 2-position and a 4-chlorophenyl group at the 4-position.
- Compound 9:** 4-(diethylphosphoryl)phenyl group at the 2-position and a 4-hydroxyphenyl group at the 4-position.
- Compound 10:** 4-(diethylphosphoryl)phenyl group at the 2-position and a 4-chlorophenyl group at the 4-position.
- Compound 11:** 4-(diethylphosphoryl)phenyl group at the 2-position and a 4-hydroxyphenyl group at the 4-position.
- Compound 12:** 4-(diethylphosphoryl)phenyl group at the 2-position and a 4-chlorophenyl group at the 4-position.

each alkyl and aryl group may be substituted or unsubstituted.

2. A compound chosen from the following:

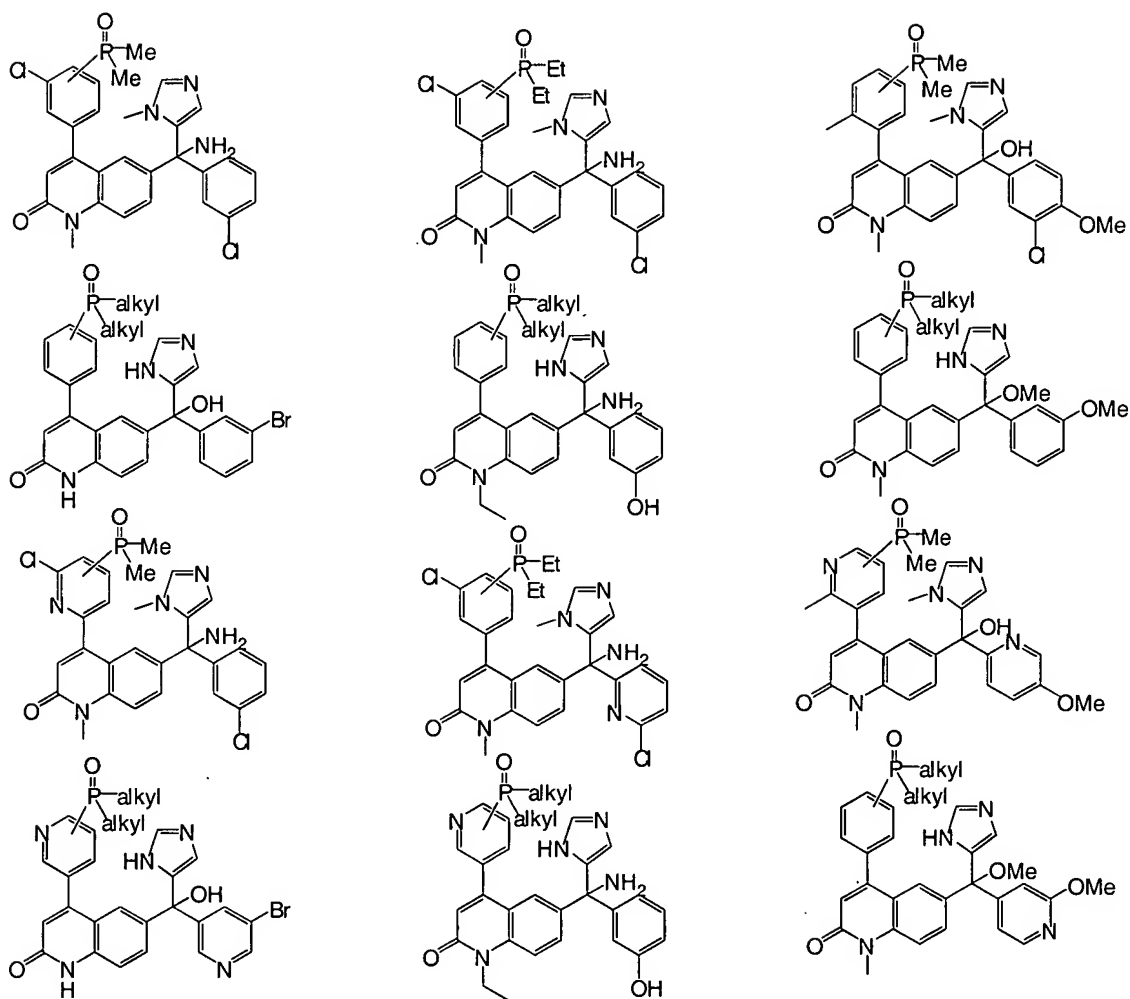


3. A compound chosen from:



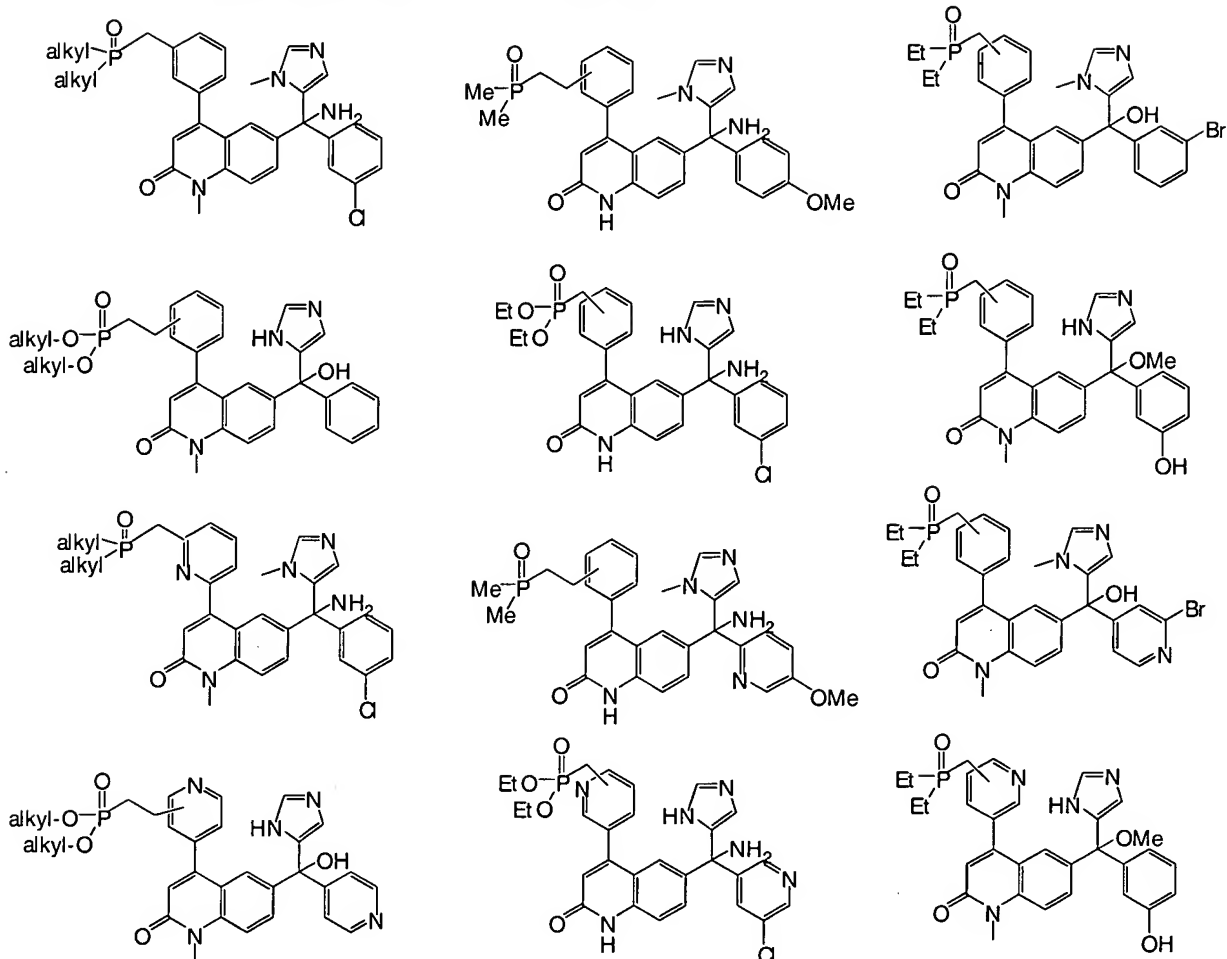
wherein n is an integer from 0 to 6.

4. A compound chosen from the following:



wherein each alkyl group may be substituted or unsubstituted.

5. A compound chosen from the following:



wherein each alkyl group may be substituted or unsubstituted.

6. The compound of any of claims 1 – 5 in which each alkyl group is a substituted or unsubstituted methyl, ethyl, n-propyl, isopropyl, cyclopropyl, -CH₂-cyclopropyl, n-butyl, sec-butyl, isobutyl, tert-butyl, cyclobutyl, -CH₂-cyclobutyl, n-pentyl, sec-pentyl, isopentyl, tert-pentyl, cyclopentyl, -CH₂-cyclopentyl, n-hexyl, sec-hexyl, cyclohexyl, or -CH₂-cyclohexyl moiety; or a benzyl or phenethyl moiety or a heteroaromatic or substituted derivative thereof.